

PTO/SB/08A (10-01)

Approved for use through 10/31/2002. OMB 0651-0031
U.S. Patent and Trademark Office. U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Sheet 1 of 1

Complete if Known

Application Number	09/738,688
Filing Date	December 15, 2002
First Named Inventor	Hari B. Sunkara et al.
Group Art Unit	1712
Examiner Name	Unknown
Attorney Docket Number	CL-1482 US NA

U.S. PATENT DOCUMENTS

Examiner Initials *	Cite No. ¹	Document Number		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number -	Kind Code ² (if known)			
AY		US -	0010374 A1	01-24-2002	Sunkara et al.	
		US -				
		US -				
		US -				
		US -				
		US -				
		US -				
		US -				
		US -				
		US -				
		US -				
		US -				
		US -				
		US -				
		US -				
		US -				

RECEIVED

APR 18 2002

16 1700

FOREIGN PATENT DOCUMENTS

Examiner Initials *	Cite No. ¹	Foreign Patent Document			Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ₆
		Country Code ³	Number ⁴	Kind Code ⁵ (if known)				
								<input type="checkbox"/>
								<input type="checkbox"/>
								<input type="checkbox"/>
								<input type="checkbox"/>
								<input type="checkbox"/>
								<input type="checkbox"/>
								<input type="checkbox"/>
								<input type="checkbox"/>
								<input type="checkbox"/>
								<input type="checkbox"/>
								<input type="checkbox"/>
								<input type="checkbox"/>
								<input type="checkbox"/>
								<input type="checkbox"/>

Examiner
Signature

Ana Jernel

Date
Considered

8-4-04

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST 3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST, 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231

Please type a plus sign (+) inside this box

PTO/SB/08A (08-00)

Approved for use through 10/31/2002. OMB 0651-0031
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A PTO JUL 09 2001

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet

1

of

1

Complete if Known

Application Number	09/738,688
Filing Date	December 15, 2000
First Named Inventor	Hari B. Sunkara et al.
Group Art Unit	1712
Examiner Name	Unknown
Attorney Docket Number	CL-1482 US NA

U.S. PATENT DOCUMENTS

Examiner Initials *	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Num- ber	Kind Code ² (if known)			
JJ	260/615	2,520,733		Morris et al	08-29-1950	
	260/75	3,023,192		Shivers, Jr., et al	02-27-1962	
	260/67	3,027,352		Walling et al	03-27-1962	
	260/615	3,326,985		Mason	06-20-1967	
	260/75	3,384,623		Inoue et al	05-21-1968	
	260/75	3,651,014		Witsiepe	03-21-1972	
	260/75	3,763,109		Witsiepe	10-02-1973	
	525/154	4,277,577		Burg et al	07-07-1981	
	568/621	4,482,750		Hetzel et al	11-13-1984	
	528/272	4,937,314		Greene	06-26-1990	
JJ	528/416	4,970,295		Schuchardt	11-13-1990	
	528/272	5,070,178		Yamada	12-03-1991	
	428/36.9	5,128,185		Greene	07-07-1992	
	528/425	5,403,912		Gunatillake et al	04-04-1995	
	568/619	5,659,089		Car et al	08-19-1997	
	568/668	6,235,948		Sunkara et al	05-22-2001	

RECEIVED

JUL 12 2001

TC 1700

FOREIGN PATENT DOCUMENTS

Examiner Initials *	Cite No. ¹	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ₆
		Office ³	Number ⁴	Kind Code ⁵ (if known)				
JJ	C08G	WO	94/09055		Drysdale et al	04-28-1994		X
	C08G	WO	96/13540		Drysdale	05-09-1996		X
	C08G	WO	99/01496		Gunatillake et al	01-14-1999		X
JJ	C07C	WO	00/10953		Sunkara et al	03-02-2000		X

Examiner
Signature

Eric Jensen

Date

Considered

8-4-04

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ² See attached kinds of U.S. Patent Documents. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 202

Please type a plus sign (+) inside this box → ☐

PTO/SB/08B (08-00)

Approved for use through 10/31/2002. OMB 0651-0031
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number

Substitute for form 1449A/PTO		JUL 09 2001		Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)		Application Number		09/738,688	
		Filing Date		December 15, 2000	
		First Named Inventor		Hari B. Sunkara et al.	
		Group Art Unit		1712	
		Examiner Name		Unknown	
Sheet	1	of	1	Attorney Docket Number	CL-1482 US NA

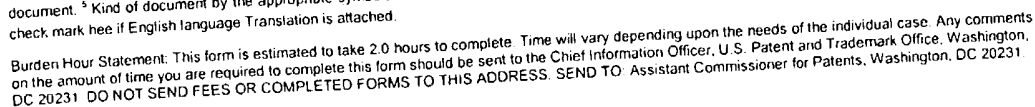
OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS			
Examiner Initials *	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
g. 7		USSN 09/638,356, filed 08/15/00 (Docket No. CL-1481)	
		USSN 09/727,792, filed 12/01/00 (Docket No. CL-1367)	
		S. V. CONJEEVARAM, R. S. BENSON & D. J. LYMAN, "Block Copolyurethanes Based on Polyoxymethylene Glycols", Journal of Polymer Science: Polymer Chemistry Edition, 1985; Vol. 23, pp 429-444	
		CESAR CARLOS GONZALEZ, ANTONIO BELLO, JOSE MANUEL PERENA, "Oligomerization of Oxetane and Synthesis of Polyterephthalates Derived from 1,3-Propanediol and 3,3'-Oxydipropanol", Makromol. Chem. 190, No. 6, June 1989; pp 1217-1224	
		PATHIRAJA A. GUNATILLAKE, GORDON F. MEIJS, RONALD C. CHATELIER, DONNA M. McINTOSH & EZIO RIZZARDO, "Synthesis and Characterization of Hydroxy-Terminated Poly(Alkylene Oxides) by Condensation Polymerization of Diols", Polymer International, 1992; Vol. 27, No. 3; pp 275-283	
		SIMON J. MCCARTHY, GORDON F. MEIJS, PATHIRAJA GUNATILLAKE, "Synthesis, Characterization, and Stability of Poly[(alkylene oxide) ester] Thermoplastic Elastomers", 1997; pp 1319-1332	
		M. YOUNUS QURESHI & MATTHIAS OCHEL, "Synthesis and Characterization of High Molecular Weight Poly(Trimethylene Oxide)", Pergamon, 1996; Vol. 32, No. 6; pp 691-693	
g. 8		MILTON J. RHOAD & PAUL J. FLORY, "The Synthesis of Polymeric Ethers", Contribution No. 169 from The Goodyear Tire and Rubber Co., Research Laboratory, May 1950; Vol. 72; pp 2216-2219	

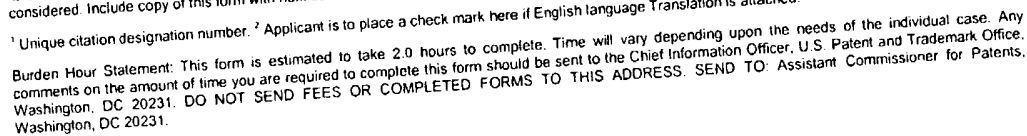
Examiner Signature	<i>Mira Jemul</i>	Date Considered	8-4-04
--------------------	-------------------	-----------------	--------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ² Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231





Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Assistant Commissioner for Patents, Washington, DC 20231. **DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.**

OCT 19 2001

Please type a plus sign (+) inside this box



PTO/SB/08A (08-00)

Approved for use through 10/31/2000. OMB 555

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet	1	of	1
-------	---	----	---

Complete if Known

Application Number	09/738,688
--------------------	------------

Filing Date	December 15, 2011
-------------	-------------------

First Named Inventor	Hari B. Sunkara et al.
----------------------	------------------------

Group Art Unit	1712
----------------	------

Examiner Name	Unknown
---------------	---------

Attorney Docket Number	CL-1482 US NA
------------------------	---------------

U.S. PATENT DOCUMENTS

[illegible]

FOREIGN PATENT DOCUMENTS

[illegible]

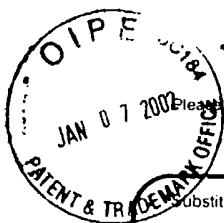
Examiner
Signature

Date Considered

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ² See attached Kinds of U.S. Patent Documents. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST 3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.



Please type a plus sign (+) inside this box →

+

PTO/SB/08B (08-00)

Approved for use through 10/31/2002. OMB 0651-0031
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet 1 of 1

Complete if Known

Application Number	09/738,688
Filing Date	December 15, 2000
First Named Inventor	Hari B. Sunkara et al.
Group Art Unit	1712
Examiner Name	Unknown
Attorney Docket Number	CL-1482 US NA

OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS

Examiner Initials *	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
JJ		Written Opinion from PCT/US 00/34202	

RECEIVED
JAN 10 2002
TC 1700

Examiner Signature	<i>Ana Jermi</i>	Date Considered	8-4-04
-----------------------	------------------	--------------------	--------

* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ² Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 20 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

Substitute for form 449A/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet	1	of	1
-------	---	----	---

Complete if Known

Application Number	09/738,688
Filing Date	December 15, 2000
First Named Inventor	Hari B. Sunkara et al.
Group Art Unit	1712
Examiner Name	Unassigned
Attorney Docket Number	CL-1482 US NA

U.S. PATENT DOCUMENTS

[illegible]

FOREIGN PATENT DOCUMENTS

[illegible]

Examiner
Signature

Mrs. J. J. J. J.

Date
Considered

8404

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols asindicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231